Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
Data File : BG025462.D
Acq On : 10 Jan 2017 21:40
Operator : UM/SJ
Sample : I1078-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

Manual Integrations APPROVED
mohammad
1/11/2017 9:11:02 AM

Quant Time: Jan 10 23:23:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55252	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	224541	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	186038	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	429861	20.00	ng		0.00
75) Chrysene-d12	21.87	240	608052	20.00	ng		0.00
86) Perylene-d12	25.26	264	654722	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	484642	159.44	ng		0.00
7) Phenol-d6	7.36	99	663440	154.97	ng		0.00
23) Nitrobenzene-d5	9.38	82	557029	109.59	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	494003	164.94	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1196786	104.15	ng		0.00
78) Terphenyl-d14	20.15	244	2356118	102.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	52232	40.27	ng	#	39
3) Pyridine	4.01	79	151514	40.30	ng		96
4) n-Nitrosodimethylamine	3.91	42	112996	50.63	ng		94
6) Aniline	7.53	93	209679	36.15	ng		97
8) 2-Chlorophenol	7.77	128	175627	51.22	ng		94
9) Benzaldehyde	7.35	77	18565	5.93	ng	#	81
10) Phenol	7.39	94	230785	48.63	ng		95
11) bis(2-Chloroethyl)ether	7.61	93	180468	49.35	ng		90
12) 1,3-Dichlorobenzene	8.08	146	191605	46.18	ng		97
13) 1,4-Dichlorobenzene	8.24	146	194420	45.21	ng		98
14) 1,2-Dichlorobenzene	8.56	146	191326	46.62	ng		98
15) Benzyl Alcohol	8.45	79	222826	54.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.72	45	326891	48.27	ng		95
17) 2-Methylphenol	8.65	107	165059	52.96	ng		96
18) Hexachloroethane	9.29	117	76277	46.18	ng		96
19) n-Nitroso-di-n-propylamine	9.00	70	181772	50.27	ng		99
20) 3+4-Methylphenols	8.98	107	228640	53.01	ng		96
22) Acetophenone	9.04	105	306776	49.17	ng	#	95
24) Nitrobenzene	9.43	77	278818	50.01	ng		97
25) Isophorone	9.94	82	509911	55.41	ng		98
26) 2-Nitrophenol	10.15	139	106121	49.77	ng		94
27) 2,4-Dimethylphenol	10.19	122	197169	56.25	ng		94
28) bis(2-Chloroethoxy)methane	10.42	93	259902	54.38	ng		99
29) 2,4-Dichlorophenol	10.69	162	210183	56.03	ng		94
30) 1,2,4-Trichlorobenzene	10.89	180	223225	49.26	ng		99
31) Naphthalene	11.08	128	551751	49.21	ng		98
32) Benzoic acid	10.34	122	113064	40.11	ng		94
33) 4-Chloroaniline	11.21	127	34588	7.33	ng	#	94
34) Hexachlorobutadiene	11.33	225	178877	48.36	ng		97
35) Caprolactam	11.99	113	66185m	46.96	ng		
36) 4-Chloro-3-methylphenol	12.31	107	257176	55.54	ng		99
37) 2-Methylnaphthalene	12.67	142	425692	51.23	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	311867	50.77	ng		97
40) Hexachlorocyclopentadiene	12.99	237	270640	116.31	ng		97

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Quant Time: Jan 10 23:23:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	207456	53.64	ng		96
43) 2,4,5-Trichlorophenol	13.37	196	211148	52.16	ng		94
45) 1,1'-Biphenyl	13.66	154	652407	52.14	ng		94
46) 2-Chloronaphthalene	13.72	162	504515	51.61	ng		96
47) 2-Nitroaniline	13.93	65	223066	54.06	ng		97
48) Acenaphthylene	14.56	152	771336	50.91	ng		99
49) Dimethylphthalate	14.27	163	712999	52.57	ng		99
50) 2,6-Dinitrotoluene	14.41	165	159992	54.00	ng		97
51) Acenaphthene	14.89	154	493074	49.75	ng		99
52) 3-Nitroaniline	14.75	138	84449	29.65	ng		97
53) 2,4-Dinitrophenol	14.97	184	203413	103.13	ng	#	82
54) Dibenzofuran	15.22	168	842453	53.77	ng		97
55) 4-Nitrophenol	15.07	139	213552	100.38	ng		91
56) 2,4-Dinitrotoluene	15.21	165	243970	56.55	ng	#	93
57) Fluorene	15.88	166	684409	52.18	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	239889	55.32	ng	#	95
59) Diethylphthalate	15.62	149	763000	53.65	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	395944	53.26	ng		99
61) 4-Nitroaniline	15.92	138	140811	49.13	ng	#	88
62) Azobenzene	16.15	77	785668	57.28	ng		100
64) 4,6-Dinitro-2-methylphenol	15.97	198	163514	54.93	ng		86
65) n-Nitrosodiphenylamine	16.07	169	643918	55.42	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	287969	54.30	ng		94
67) Hexachlorobenzene	16.87	284	321236	52.79	ng	#	92
68) Atrazine	17.01	200	304485	59.81	ng		96
69) Pentachlorophenol	17.23	266	348605	110.50	ng		97
70) Phenanthrene	17.61	178	1193205	53.87	ng		97
71) Anthracene	17.71	178	1228389	54.58	ng		99
72) Carbazole	17.98	167	1087019	53.99	ng		97
73) Di-n-butylphthalate	18.50	149	1336243	53.95	ng		97
74) Fluoranthene	19.62	202	1592806	54.44	ng		94
76) Benzidine	19.79	184	312444	20.60	ng		99
77) Pyrene	19.98	202	1619452	50.96	ng		99
79) Butylbenzylphthalate	20.83	149	697182	54.64	ng		96
80) Benzo(a)anthracene	21.84	228	1821250	53.70	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	476154	36.15	ng	#	95
82) Chrysene	21.92	228	1686017	51.84	ng		99
83) Bis(2-ethylhexyl)phthalate	21.69	149	986108	55.53	ng		99
84) Di-n-octyl phthalate	22.94	149	1676609	56.87	ng		96
85) Indeno(1,2,3-cd)pyrene	29.19	276	2378256	57.52	ng	#	96
87) Benzo(b)fluoranthene	24.18	252	1900281	53.20	ng		99
88) Benzo(k)fluoranthene	24.25	252	1840268	53.34	ng		96
89) Benzo(a)pyrene	25.11	252	1886024	54.67	ng	#	98
90) Dibenzo(a,h)anthracene	29.24	278	1994862	54.55	ng		98
91) Benzo(g,h,i)perylene	30.43	276	1958456	53.90	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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